

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An arrangement for recirculation of exhaust gases in a supercharged combustion engine, ~~(1) whereby the arrangement comprises~~ comprising:

an exhaust line operable ~~(3) intended~~ to lead exhaust gases out from the combustion engine; ~~(1)~~; an inlet line operable ~~(6) intended~~ to lead air at above atmospheric pressure to the combustion engine ~~(1)~~,

a return line ~~(7) which comprises~~ comprising a connection to the exhaust line ~~(3)~~ and a connection to the inlet line ~~(6)~~, so that ~~via the return line (7) it is~~ operable possible to recirculate exhaust gases from the exhaust line ~~(3)~~ to the inlet line; ~~(6)~~; and

a second cooler ~~(10) adapted~~ operable to cool ~~cooling~~ the exhaust gases in the return line ~~(7)~~ by use of a liquid medium, ~~characterised in that the arrangement comprises~~

a first cooler ~~(12)~~ cooled by ambient air, ~~whereby the first cooler (12) is incorporated in the inlet line (6) downstream from the connection of the return line (7) to the inlet line (6) so that, when the exhaust gases are returned via the return line (7), the first cooler~~ cools a mixture of exhaust gases and air before the mixture is led to the combustion engine ~~(1)~~.

2. (Currently Amended) An arrangement according to claim 1, ~~characterised in that the liquid medium is contained in~~ further comprising a cooling system containing a liquid medium and which is operable for ~~adapted to~~ cooling the combustion engine ~~(1)~~.

3. (Currently Amended) An arrangement according to ~~any one of the foregoing claims, characterised in that said first~~ claim 2, further comprising a cooler ~~(12)~~ is arranged close to a the first cooler ~~(14)~~ for cooling the coolant in the cooling system.

4. (Currently Amended) An arrangement according to ~~any one of the foregoing claims,~~ characterised in that the arrangement comprises claim 2, further comprising an EGR valve (8) incorporated in the return line (7).

5. (Currently Amended) An arrangement according to claim 4, further comprising characterised in that the arrangement comprises a control unit operable for (9) adapted to controlling the EGR valve (8).

6. (Currently Amended) An arrangement according to claim 2, further comprising ~~any one of the foregoing claims,~~ characterised in that the arrangement comprises a turbine positioned, and operable for being (4) driven by the exhaust gases in the exhaust line (3) which are not led into the return line (7), and a compressor operable to be (5) driven by ~~said~~ the turbine (4) so that the compressor it compresses the air in the inlet line (6).

7. (Currently Amended) An arrangement according to claim 1, further comprising ~~any one of the foregoing claims,~~ characterised in that the combustion engine (1) is a diesel engine or an Otto engine.

8. (New) An arrangement according to claim 7, further comprising a venturi between the return line and the inlet line, wherein the venturi delivers returned exhaust gases drawn into the inlet line.

9. (New) An arrangement according to claim 1, further comprising an EGR valve incorporated in the return line.

10. (New) An arrangement according to claim 2, further comprising a turbine positioned, and operable for being driven by the exhaust gases in the exhaust line which are not led into the return line, and a compressor operable to be driven by the turbine so that it compresses the air in the inlet line.